

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L2	40	L1 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L3	20	L2 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L4	51	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L5	40	L4 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L6	11	L4 not L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L7	1	L6 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L8	653	(noise adj4 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L9	53	L8 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L10	13	L9 not L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L11	7	L10 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L12	6	L10 not L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L13	122	hochschild and (transfer adj3 function) and (adc a/d digitiz\$3 (analog \$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L14	108	L13 and (amplitude magnitude strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L15	53	L14 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L16	1774	((transfer adj function) near5 (chang\$3 adjust\$3 vary\$3 alter\$3 replac\$3 transform \$3 substitut\$3 modify\$3 modified) same (amplitude magnitude strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L17	881	L16 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L18	105	L17 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L19	51	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L20	102	L18 not L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L21	5	L20 and (adc a/d digitiz\$3 (analog\$2 adj2 digital)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L22	70	(noise adj2 transfer adj2 function) near10 (amplitude, magnitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L23	47	L22 and (sigma near2 delta)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L24	337	(ntf (noise adj transfer adj function)) near4 (control\$4 adapt\$3 adjust\$3 attenuat \$3 alter\$3 modify \$3 modified chang \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L25	142	L24 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L26	92	L25 and (ntf ((noise adj transfer adj function)) near10 (amplitude magnitude (signal adj strength)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L27	51	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L28	2	"6587063".pn. and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L29	0	"6587063".pn. and (ntf (noise adj2 function)) and (amplitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L30	0	"6587063".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L31	0	"6762703".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L32	0	"7088835".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L33	1	"7116721".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L34	0	"7116721".pn. and (ntf (noise adj2 function)) and (loop adj filter) and (amplitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L35	248	((noise adj2 function) ntf ) near10 amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L36	35	L35 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L37	529	(large adj amplitude) adj2 (improv\$3 enhanc \$3 reduc\$3 decreas \$3 increas\$3 maximiz\$3 minimiz \$3 optimiz\$3 attenuat\$3 eliminat \$3 cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L38	8	L37 and "341"/\$	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L39	1	"7116721".pn. and "205"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L40	1	"7116721".pn. and (loop adj filter)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L41	0	"7116721".pn. and (coefficient near3 integrator\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L42	0	"5534827".pn. and (coefficient near3 integrator\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L43	0	"7116721".pn. and (level near5 quantiz \$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L44	0	"5534827".pn. and (quantiz\$3 near5 level)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L45	21	(quantiz\$3 near5 level) near4 (choice compromise)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L46	2	L45 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L47	19	L45 not L46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L48	1	((chang\$3 vary\$3) adj4 quantizer) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L49	1	((chang\$3 vary\$3) near4 quantizer) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L50	2	((chang\$3 vary\$3) near6 quantizer) near8 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L51	1	"7116721".pn. and quantizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L52	0	"5534827".pn. and quantizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L53	0	"7116721".pn. and (prefilter pre-filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L54	1	"7116721".pn. and "205"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L55	0	"7116721".pn. and ((lowpass low-pass) near4 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L56	0	"7116721".pn. and ((lpf lowpass low-pass) near6 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L57	0	"7116721".pn. and ((lpf lowpass low-pass) near10 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L58	0	"7116721".pn. and ((lpf lowpass low-pass) same (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L59	1	"7116721".pn. and ((lpf lowpass low-pass) and (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L60	6555	((peak threshold) near3 detect\$3) near5 (improv\$3 enhanc\$3 reduc\$3 optimiz\$3 maximiz \$3 minimiz\$3 attenuat\$3 cancel \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L61	4580	((peak threshold) near3 detect\$3) near3 (improv\$3 enhanc\$3 reduc\$3 optimiz\$3 maximiz\$3 minimiz\$3 attenuat\$3 cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L62	44	L61 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L63	9	L62 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L64	35	L62 not L63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L65	8	L64 and "375"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L66	27	L64 not L65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L67	1424	L61 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L68	1385	L67 not L62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L69	279	L68 and ("341"/\$ "375"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L70	1	(peak adj detect\$3) near3 (lpf (low-pass)) and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L71	5	(peak adj detect\$3) near3 (lpf (low-pass)) and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L72	1	((peak near5 divid \$3) near5 range) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L73	1	((peak near5 (divid \$3 division)) near10 range) near10 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L74	5699	(delta near2 sigma) near3 (adc a/d (analog adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L75	984	L74 and (delta near2 sigma) near3 (dac d/a (digital adj2 analog\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L76	2485	"333" and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L77	657	L75 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L78	276	L77 and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L79	18	(sigma near2 delta) and (preamplifier pre-amplifier) and microphone.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L80	1	((minimum adj value\$1) near4 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L81	1	((minimum adj value\$1) near6 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L82	1	((minimum smallest) adj value \$1) near6 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L83	153	(coefficient\$1 near3 integrat\$3) near4 (chang\$3 alter\$3 vary\$3 modify\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L84	3	L83 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L85	153	(chang\$3 alter\$3 vary\$3 modify\$3) near5 ((threshold level) near3 quantizer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L86	18	L85 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L87	3	(loop adj gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L88	5	(loop adj gain) near6 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L89	2	L88 not L87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L90	3	(loop adj2 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L91	0	(filter adj2 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L92	3	(loop adj3 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L93	4855	341/143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L94	4661	341/144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L95	513	375/245	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L96	6681	341/155	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L97	464	375/247	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L98	12903	(L93 L94 L95 L96 L97)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L99	3492	L98 AND (DELTA NEAR2 SIGMA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L100	608	L99 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41

L101	69	L100 and (ntf (noise adj2 function)) near5 (chang\$3 alter\$3 modify\$3 control\$4 program\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
L102	21	((class adj d adj amplifier) near3 (sigma near2 delta) and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/17 20:41
S1	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:43
S2	39	S1 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:44
S3	19	S2 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:45
S4	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:26
S5	39	S4 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:26
S6	9	S4 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:26

S7	1	S6 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:27
S8	625	(noise adj4 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:28
S9	52	S8 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:28
S10	13	S9 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:29
S11	7	S10 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:30
S12	6	S10 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:37
S13	119	hochschild and (transfer adj3 function) and (adc a/d digitiz\$3 (analog \$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:57
S14	105	S13 and (amplitude magnitude strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:58

S15	53	S14 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 20:08
S16	1721	((transfer adj function) near5 (chang\$3 adjust\$3 vary\$3 alter\$3 replac\$3 transform \$3 substitut\$3 modify\$3 modified) same (amplitude magnitude strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:45
S17	852	S16 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:46
S18	104	S17 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:47
S19	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:48
S20	101	S18 not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:48
S21	5	S20 and (adc a/d digitiz\$3 (analog\$2 adj2 digital)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:51

S22	64	(noise adj2 transfer adj2 function) near10 (amplitude, magnitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 18:34
S23	43	S22 and (sigma near2 delta)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 18:34
S24	318	(ntf (noise adj transfer adj function)) near4 (control\$4 adapt\$3 adjust\$3 attenuat \$3 alter\$3 modify \$3 modified chang \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 19:01
S25	141	S24 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 19:02
S26	91	S25 and (ntf ((noise adj transfer adj function)) near10 (amplitude magnitude (signal adj strength)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 19:03
S27	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:41
S28	2	"6587063".pn. and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:44
S29	0	"6587063".pn. and (ntf (noise adj2 function)) and (amplitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:51

S30	0	"6587063".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:53
S31	0	"6762703".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:09
S32	0	"7088835".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:13
S33	1	"7116721".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:14
S34	0	"7116721".pn. and (ntf (noise adj2 function)) and (loop adj filter) and (amplitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:17
S35	241	((noise adj2 function) ntf ) near10 amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 13:12
S36	32	S35 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 13:13

S37	506	(large adj amplitude) adj2 (improv\$3 enhanc \$3 reduc\$3 decreas \$3 increas\$3 maximiz\$3 minimiz \$3 optimiz\$3 attenuat\$3 eliminat \$3 cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:14
S38	8	S37 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:14
S39	1	"7116721".pn. and "205"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:27
S40	1	"7116721".pn. and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:29
S41	0	"7116721".pn. and (coefficient near3 integrator\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 19:22
S42	0	"5534827".pn. and (coefficient near3 integrator\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 19:22
S43	0	"7116721".pn. and (level near5 quantiz \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:32

S44	0	"5534827".pn. and (quantiz\$3 near5 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:34
S45	21	(quantiz\$3 near5 level) near4 (choice compromise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:40
S46	2	S45 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:41
S47	19	S45 not S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:42
S48	1	((chang\$3 vary\$3) adj4 quantizer) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:12
S49	1	((chang\$3 vary\$3) near4 quantizer) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:13
S50	1	((chang\$3 vary\$3) near6 quantizer) near8 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:13
S51	1	"7116721".pn. and quantizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:14

S52	0	"5534827".pn. and quantizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:18
S53	0	"7116721".pn. and (prefilter pre-filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:20
S54	1	"7116721".pn. and "205"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:20
S55	0	"7116721".pn. and ((lowpass low-pass) near4 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:47
S56	0	"7116721".pn. and ((lpf lowpass low-pass) near6 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:47
S57	0	"7116721".pn. and ((lpf lowpass low-pass) near10 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:48
S58	0	"7116721".pn. and ((lpf lowpass low-pass) same (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:48
S59	1	"7116721".pn. and ((lpf lowpass low-pass) and (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:49

S60	6339	((peak threshold) near3 detect\$3) near5 (improv\$3 enhanc\$3 reduc\$3 optimiz\$3 maximiz\$3 minimiz\$3 attenuat\$3 cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:43
S61	4439	((peak threshold) near3 detect\$3) near3 (improv\$3 enhanc\$3 reduc\$3 optimiz\$3 maximiz\$3 minimiz\$3 attenuat\$3 cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:44
S62	41	S61 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:44
S63	7	S62 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:45
S64	34	S62 not S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:46
S65	8	S64 and "375"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:46
S66	26	S64 not S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:50

S67	1372	S61 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:56
S68	1334	S67 not S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:56
S69	264	S68 and ("341"/\$ "375"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:57
S70	1	(peak adj detect\$3) near3 (lpf (low-pass)) and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:10
S71	5	(peak adj detect\$3) near3 (lpf (low-pass)) and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:11
S72	1	((peak near5 divid \$3) near5 range) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:38
S73	1	((peak near5 (divid \$3 division)) near10 range) near10 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:40
S74	5486	(delta near2 sigma) near3 (adc a/d (analog adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:06

S75	936	S74 and (delta near2 sigma) near3 (dac d/a (digital adj2 analog\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:07
S76	2321	"333" and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:08
S77	632	S75 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:08
S78	265	S77 and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:10
S79	18	(sigma near2 delta) and (preamplifier pre-amplifier) and microphone.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:18
S80	1	((minimum adj value\$1) near4 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:30
S81	1	((minimum adj value\$1) near6 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:31
S82	1	((minimum smallest) adj value \$1) near6 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:32

S83	151	(coefficient\$1 near3 integrat\$3) near4 (chang\$3 alter\$3 vary\$3 modify\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:37
S84	3	S83 and (ntf (noise adj2 function))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:38
S85	151	(chang\$3 alter\$3 vary\$3 modify\$3) near5 ((threshold level) near3 quantizer)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:44
S86	18	S85 and (ntf (noise adj2 function))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:45
S87	3	(loop adj gain) near4 (ntf (noise adj2 function))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:02
S88	5	(loop adj gain) near6 (ntf (noise adj2 function))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:04
S89	2	S88 not S87	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:04
S90	3	(loop adj2 gain) near4 (ntf (noise adj2 function))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:06

S91	0	(filter adj2 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:07
S92	3	(loop adj3 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:07
S93	4662	341/143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:45
S94	4504	341/144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:45
S96	494	375/245	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:45
S97	6381	341/155	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:46
S98	450	375/247	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:46
S99	12373	(S93 S94 S96 S97 S98)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:47

S100	3339	S99 AND (DELTA NEAR2 SIGMA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:47
S101	588	S100 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:48
S102	67	S101 and (ntf (noise adj2 function)) near5 (chang\$3 alter\$3 modify\$3 control\$4 program\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:51
S103	20	((class adj d adj amplifier) near3 (sigma near2 delta) and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:58

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